

WHAT IS CLAIMED IS:

1 1. A connector for preventing a half fitting condition comprises:
2 a first connector, including a tab terminal and a projection;
3 a second connector, including a tab receiving terminal for electrical
4 connection to the tab terminal and an elastic lock arm for sliding over the
5 projection when the second connector is fitted into the first connector; and
6 a fitting detection member, mounted on the second connector so as
7 to slide in a direction of fitting of the first and second connectors,
8 wherein the fitting detection member is engaged with the
9 elastic lock arm in a half fitting condition of the first and second connectors;
10 and
11 wherein the fitting detection member is slidable to a
12 completely-fitted detecting position in a completely-fitted condition of the male
13 and second connectors,
14 wherein a reduction member which reduce a frictional force generated
15 by a contact between the projection and the elastic lock arm is formed on at
16 least one of the projection and the elastic lock arm.

1 2. The connector as set forth in claim 1, wherein the reduction member
2 has a recessed portion which reduces a contact area between the projection
3 and the elastic lock arm during the elastic lock arm slides over the projection.

1 3. The connector as set forth in claim 2, wherein the recessed portion is
2 formed in a shape that the contact area is decreased gradually in accordance

3 with a proceeding of the fitting movement of the first and second connector.

1 4. The connector as set forth in claim 2, wherein the recessed portion
2 has a curved shape in cross section.

1 5. The connector as set forth in claim 2, wherein the recessed portion
2 has either a rectangular shape or a triangular shape in cross section.

1 6. The connector as set forth in claim 1, wherein the reduction member
2 has at least one rib portion.